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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/622,151

07/16/2003

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EXAMINER

PYO, MONICA M

ART UNIT

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06/27/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/622,151	Applicant(s) KAVACHERI ET AL.	
	Examiner Monica M. Pyo	Art Unit 2161	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 March 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4, 7-18 and 21-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4, 7-18 and 21-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This communication is responsive to the Amendment filed 3/30/2007.
2. Claims 1-4, 7-18, and 21-23 are currently pending in this application. In the Amendment filed 3/30/2007, claim 1 is amended and claims 1, 8, and 15 are independent claims.

Claim Objections

3. The claim amendment received on 3/30/2007. The changes are accepted and therefore, the claim objections made in a prior Office Action are withdrawn.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1, 3-4, 7-9, 12-15, 17-18 and 21-22 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent Application Publication No. 2003/0105778 by Andani (hereinafter Andani).

Regarding Claims 1 and 15, Andani discloses a method of retrieving a device-dependent attribute stored on a portal server, said method comprising:

- A). **establishing communication with a device**, as a connection between a device and a network (Andani: pg. 2, [0016]);

- B). identifying a type of said device**, as the control point to search for devices (Andani: pg. 2, [0014 & 0016]);
- C). identifying a characteristic of said type of device, wherein said type is a subset of said characteristic**, as the control point retrieve the device's DDF for more information about the device (Andani: pg. 2, [0016-0017, 0018]); and
- D). retrieving an entry from a list of attributes, said entry selected first according to said type of device and second according to said characteristic when said list does not include said entry that corresponds to said type of device**, as a list of variables describing per device type, range, and event characteristics (Andani: pg. 2, [0020-0021]).
- E). wherein said entry is presented to said device for use**, as the control point sends an action request to services provided by the selected device (Andani: pg. 2, [0022]).

Regarding Claims 3, 12 and 17, Andani disclose the method wherein said type of device is identifiable by a brand name and a model number (Andani: pg. 2, [0018-0019]).

Regarding Claims 4 and 18, Andani does not explicitly disclose the method wherein said characteristic is identifiable by a type of markup language used by said type of device (Anadani: pg. 1, [0003 & 0020]).

Regarding Claims 7, 14 and 21, Andani disclose the method wherein said list of attributes further comprises entries that are independent of device type and device characteristic (Andani: pg. 2, [0021]).

Regarding Claim 8, Andani discloses a method of storing device-dependent attributes in a portal server, said method comprising:

A). receiving information that identifies a type of device for which an attribute is to be stored, wherein said attribute is dependent on said type of device, as the control point to search for devices (Andani: pg. 2, [0014 & 0016]);

B). selecting said attribute according to said type of device, as a list of variables describing per device type (Andani: pg. 2, [0020-0021]).

C). entering said attribute into a list of attributes, wherein said list is organized into type-specific categories, wherein said attribute is entered into a category specific to said type of device provided said category exists, as an automatic system to generate a hardware description files (Andani: pg. 2, [0024] – pg. 3 [0026]); and

D). creating a new category for said attribute provided said category specific to said type of device does not already exist, wherein said attribute is usable by said type of device, as a generation of DDT and SDT (Andani: pg. 3, [0027-0028]) .

E). wherein said attribute is usable by said type of device, as the control point sends an action request to services provided by the selected device (Andani: pg. 2, [0022]).

Regarding Claim 9, Andani discloses the method further comprising establishing a connection with a first device, wherein said attribute is entered into a type-specific category corresponding to a type of said first device (Andani: pg. 3, [0027, 0029]).

Regarding Claim 13, Andani discloses the method wherein said list of attributes is sorted by device type (Andani: pg. 3, [0025]).

Regarding Claim 22, Andani discloses the computer-readable medium wherein said first attribute corresponds to said device communicating with said portal server system (Andani: pg. 2, [0020-0021]; pg. 3, [0035]).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 2, 10-11, 16 and 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Andani as applied to claims 1, 3-4, 7-9, 12-15, 17-18 and 21-22 above, in view of U.S. Patent No. 6,654,814 issued to Britton (hereinafter Britton).

Regarding Claims 2, 11 and 16, Andani does not explicitly disclose the method wherein said communication is wireless.

However, Britton discloses: the method wherein said communication is wireless (Britton: col. 7, lns. 48-56; col. 8, lns. 26-38).

It would have been obvious to person with ordinary skill in the art at the time of invention to modify the teaching of Andani with the teachings of Britton to utilize the wireless communication to enhance data processing system (Britton: col. 3, lns. 18-28).

Regarding Claim 10, Anadani discloses the method further comprising:

- establishing a connection with a first device (Andani: pg. 2, [0016]); and

Anadani does not explicitly disclose:

- receiving information from said first device identifying a second device, wherein said attribute is entered into a type-specific category corresponding to a type of said second device.

However, Briotton discloses:

- receiving information from said first device identifying a second device, wherein said attribute is entered into a type-specific category corresponding to a type of said second device (Britton: col. 4, lns. 28-39).

It would have been obvious to person with ordinary skill in the art at the time of invention to modify the teaching of Andani with the teachings of Britton to utilize logging on PDA from a desktop workstation to enhance data processing system (Britton: col. 3, lns. 18-28).

Regarding Claim 23, Andani does not explicitly disclose the computer-readable medium wherein said first attribute corresponds to another device different from said device communicating with said portal server system, said other device identified during said communicating.

However, Britton discloses the computer-readable medium wherein said first attribute corresponds to another device different from said device communicating with said portal server system, said other device identified during said communicating (Britton: col. 4, lns. 21-39; col. 9, lns. 29-46).

It would have been obvious to person with ordinary skill in the art at the time of invention to modify the teaching of Andani with the teachings of Britton to utilize logging on PDA from a desktop workstation to enhance data processing system (Britton: col. 3, lns. 18-28).

Response to Arguments

8. Applicant's arguments, see Remarks, filed 3/30/2007, with respect to the rejection(s) of claim(s) 1-23 under 103(a) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Andani and Britton.

Conclusion

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Monica M. Pyo whose telephone number is 571-272-8192. The examiner can normally be reached on Mon & Thur 8:00 - 5:00.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Apu Mofiz can be reached on 571-272-4080. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

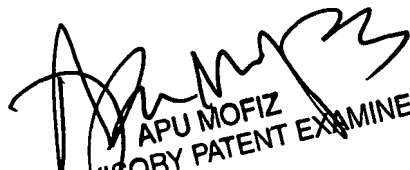
Art Unit: 2161

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Monica M Pyo
Examiner
Art Unit 2161

mpyo
6/18/2007

Leslie Wong 
Primary Examiner


APU MOFIZ
SUPERVISORY PATENT EXAMINER